

**Section 1. Identification**

**Product identifier**

**Product Identity** Boom Cleaning and Prewash Towels  
**Other means of identification** B-1, B-D72, B-1M

**Relevant identified uses of the substance or mixture and uses advised against**

See Technical Data Sheet.

**Details of the supplier of the safety data sheet**

**Company Name** American Polywater Corporation  
11222 - 60th Street North  
Stillwater, MN 55082 USA

**Emergency**  
**24 hour Emergency Telephone No.** INFOTRAC: 1-800-535-5053 (USA)  
1-352-323-3500 (INT'L)

**Customer Service:** Tel: 1-651-430-2270  
Email: sds@polywater.com

**Section 2. Hazard(s) identification**

**Classification of the substance or mixture under US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)**

Flammable Liquid 4;H227	Combustible Liquid.
Skin corrosion/irritation category 2;H315	Causes skin irritation.
Serious eye damage / eye irritation, category 2A;H319	Causes serious eye irritation.
Skin sensitizer category 1;H317	May cause an allergic skin reaction.

**Label elements**



**Warning**

H227 Combustible liquid.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

**[Prevention]**

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.  
P261 Avoid breathing dust, fume, gas, mist, vapors, spray.  
P264 Wash thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves, eye protection, and face protection.

**[Response]**

P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333+313 If skin irritation or a rash occurs: Get medical advice or attention.  
P337+313 If eye irritation persists: Get medical advice or attention.  
P362+364 Take off contaminated clothing and wash it before reuse.  
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.  
P391 Collect spillage.

**[Storage]**

P403+235 Store in a well ventilated place. Keep cool.

**[Disposal]**

P501 Dispose of contents or container in accordance with local and national regulations.

**Other hazards**

This product contains no PBT/vPvB/vPvM chemicals.  
This product contains no endocrine disrupting chemicals.

Does not contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the Organisation for Economic Co-operation and Development (OECD) list of Per- and Polyfluoroalkyl Substances (PFASs).

### Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Dimethyl glutarate CAS Number: 1119-40-0 Synonyms: 1,5-dimethyl pentanedioate, Pentanedioic acid, 1,5-dimethyl ester, Pentanedioic acid, dimethyl ester	10 - 30	Not Classified	----
Citrus Terpenes CAS Number: 5989-27-5 Synonyms: (R)-p-mentha-1,8-diene, Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-, D-Limonene	10 - 30	Flammable Liquid, category 3;H226 Skin corrosion/irritation category 2;H315 Skin sensitizer category 1;H317 Aquatic toxicity (acute), category 1;H400 Aquatic toxicity (chronic), category 1;H410 Aspiration hazard, category 1;H304	----
Dimethyl adipate CAS Number: 627-93-0 Synonyms: Hexanedioic acid, dimethyl ester	7 - 13	Not Classified	----
Dimethyl succinate CAS Number: 106-65-0 Synonyms: DMS, Butanedioic acid dimethyl ester; Dimethyl succinate	3 - 7	Not Classified	----
Alcohols, C9-11, ethoxylated CAS Number: 68439-46-3 Synonyms: C9-C11 Synthetic Alcohol, Ethoxylated, Ethoxylated Isodecanol	1 - 5	Serious eye damage / eye irritation, category 1;H318 Acute toxicity(oral), category 4;H302	----

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

### Section 4. First aid measures

#### Description of first aid measures

**General** In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

- Inhalation** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
- Eyes** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
- Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
- Ingestion** If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

- Overview** No specific symptom data available.  
No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.
- Eyes** Causes serious eye irritation.
- Skin** May cause an allergic skin reaction. Causes skin irritation.

**Section 5. Fire-fighting measures**

**Extinguishing media**

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

**Special hazards arising from the substance or mixture**

Hazardous decomposition: No hazardous decomposition data available.  
Keep away from heat, sparks, open flames, and other ignition sources - No smoking.  
Avoid breathing dust, fume, gas, mist, vapors, spray.

**Advice for fire-fighters**

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

**ERG Guide No.**

128

## **Section 6. Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).  
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### **Environmental precautions**

Do not allow spills to enter drains or waterways.

### **Methods and material for containment and cleaning up**

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.  
Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

## **Section 7. Handling and storage**

### **Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.  
Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids.  
See section 2 for further details. - [Prevention]

### **Conditions for safe storage, including any incompatibilities**

Store in a cool dry area, away from heat, sparks and open flame.  
Keep containers sealed when not in use.  
Store out of direct sunlight.  
Incompatible materials: No available information  
See section 2 for further details. - [Storage]

### **Specific end use(s)**

No available information

**Section 8. Exposure controls / personal protection**

**Control parameters**

**Exposure Limits**

CAS No.	Ingredient	Source	Value
106-65-0	Dimethyl succinate	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
Yukon	No Established Limit		
627-93-0	Dimethyl adipate	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
Yukon	No Established Limit		
1119-40-0	Dimethyl glutarate	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
Yukon	No Established Limit		

CAS No.	Ingredient	Source	Value
5989-27-5	Citrus Terpenes	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
Saskatchewan	No Established Limit		
Yukon	No Established Limit		
68439-46-3	Alcohols, C9-11, ethoxylated	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
Saskatchewan	No Established Limit		
Yukon	No Established Limit		

**Exposure controls**

**Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes** Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.

**Skin** Avoid skin contact. Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used.

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

**Section 9. Physical and chemical properties**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid
<b>Color</b>	Milky-white liquid with a very light citrus scent
<b>Odor</b>	No available information
<b>Odor threshold</b>	No available information
<b>Melting point / freezing point</b>	No available information
<b>Initial boiling point and boiling range</b>	212°F / 100°C Initial
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
<b>Flash Point</b>	>140°F (>60.5°C), Closed Cup (PMCC)
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>pH</b>	No available information
<b>Viscosity</b>	No available information
<b>Solubility in Water</b>	No available information
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Vapor pressure (Pa)</b>	No available information
<b>Relative Density</b>	1.0
<b>Vapor Density</b>	No available information
<b>Evaporation rate (Ether = 1)</b>	<0.1 (n-butyl acetate = 1)
<b>VOC Content</b>	466 g/l
<b>Oxidising properties</b>	No available information
<b>Explosive properties</b>	No available information
<b>% Volatile</b>	95%

**Other information**

No other relevant information.

**Section 10. Stability and reactivity**

**Reactivity**

Hazardous Polymerization will not occur.

**Chemical stability**

Stable under normal circumstances.

**Possibility of hazardous reactions**

No available information

**Conditions to avoid**

Avoid high temperatures and contact with incompatible material

**Incompatible materials**

No available information

**Hazardous decomposition products**

No hazardous decomposition data available.

**Section 11. Toxicological information**

**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Dimethyl glutarate - (1119-40-0)	> 5,000.00, Rat - Category: NA	>2,000.00, Rat - Category: 5	No data available.	No data available.	No data available.
Citrus Terpenes - (5989-27-5)	>2,000.00, Rat - Category: 5	> 5,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.
Dimethyl adipate - (627-93-0)	> 5,000.00, Rat - Category: NA	> 1,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.
Dimethyl succinate - (106-65-0)	6,892.00, Rat - Category: NA	>2,000.00, Rat - Category: 5	No data available.	No data available.	No data available.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Alcohols, C9-11, ethoxylated - (68439-46-3)	No data available.	>2,000.00, Rabbit - Category: 5	No data available.	No data available.	No data available.

### Carcinogen Data

CAS No.	Ingredient	Source	Value
106-65-0	Dimethyl succinate	IARC	No
		ACGIH	No Established Limit
627-93-0	Dimethyl adipate	IARC	No
		ACGIH	No Established Limit
1119-40-0	Dimethyl glutarate	IARC	No
		ACGIH	No Established Limit
5989-27-5	Citrus Terpenes	IARC	Group 3
		ACGIH	No Established Limit
68439-46-3	Alcohols, C9-11, ethoxylated	IARC	No
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2A	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**Possible routes of entry:**

Inhalation, ingestion, skin contact, and skin absorption.

**Symptoms and effects, both acute and delayed:**

No specific symptom data available.

No chronic toxicity or long term toxicity information available. Treat symptomatically.

**Eyes** Causes serious eye irritation.

**Skin** May cause an allergic skin reaction. Causes skin irritation.

**Section 12. Ecological information**

**Toxicity**

Toxic to aquatic life with long lasting effects.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Dimethyl glutarate - (1119-40-0)	19.60, Pimephales promelas	122.10, Daphnia magna	No data available.
Citrus Terpenes - (5989-27-5)	0.72, Pimephales promelas	0.31, Daphnia magna	0.32, Pseudokirchneriella subcapitata
Dimethyl adipate - (627-93-0)	No data available.	72.00, Daphnia magna	101.00, Pseudokirchnerella subcapitata
Dimethyl succinate - (106-65-0)	50.00, Danio rerio	101.00, Daphnia magna	101.00, Pseudokirchnerella subcapitata
Alcohols, C9-11, ethoxylated - (68439-46-3)	5.00, Oncorhynchus mykiss	2.50, Daphnia magna	1.40, Pseudokirchneriella subcapitata

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

No available information

**Mobility in soil**

No available information

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB/vPvM chemicals.

**Other adverse effects**

No available information

**Section 13. Disposal considerations**

**Waste treatment methods**

Observe all federal, provincial and local regulations when disposing of this substance.

**Section 14. Transport information**

Not regulated for packages under 5L (1.3 gallons) or 5.0 kg (11 lbs).

Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

**DOT (Domestic Surface Transportation)**

<b>UN number</b>	NA1993
<b>UN proper shipping name</b>	Combustible liquid, n.o.s., (CHEMICAL NAME)
<b>Transport hazard class(es)</b>	Combustible liquid
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

**TDG (Domestic Surface Transportation)**

<b>UN number</b>	Not Regulated
<b>UN proper shipping name</b>	Not Regulated
<b>Transport hazard class(es)</b>	Combustible liquid
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	Not Applicable

**IMO / IMDG (Ocean Transportation)**

<b>UN number</b>	Not Regulated
<b>UN proper shipping name</b>	Not Regulated
<b>Transport hazard class(es)</b>	Not Applicable
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	Not Applicable

**ICAO/IATA**

<b>UN number</b>	Not Regulated
<b>UN proper shipping name</b>	Not Regulated

<b>Transport hazard class(es)</b>	Not Applicable
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	Not Applicable

**Environmental hazards**

IMDG Marine Pollutant: Yes; ( Citrus Terpenes )

**Special precautions for user**

No available information

**Section 15. Regulatory information**

**Regulatory Overview**      The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

This product has been classified in accordance with US OSHA’s Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) (GHS revision 7) and the SDS contains all of the information required by those regulations.

All components of this material are either listed or exempt from listing on the TSCA Inventory.

All components of this material are either listed or exempt from listing on the DSL or NDSL Inventories.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

1,4-dioxane

Ethylene Oxide

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

Ethylene Oxide

**Proposition 65 - Male Repro Toxins (>0.0%):**

Ethylene Oxide

**Proposition 65 Label Warning:**



WARNING: This product can expose you to chemicals including [1,4-dioxane, Ethylene Oxide], which are known to the State of California to cause cancer, and [Ethylene Oxide], which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Section 16. Other information**

**Revision Date**

8 October, 2025

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**End of Document**